Rec'd 87/PTO 18 APR 2005 10/531706 020553 FE

PCT REQUEST

0	For receiving Office use only	
0-1	International Application No.	PCT/EP 0 3 / 1 2 8 7 7
0-2	International Filing Date	
		(18, 11, 03) 18 NOV 2003
0-3	Name of receiving Office and "PCT International Application"	
	international Application	EUROPEAN PATENT OFFICE
. ———		PCT INTERNATIONAL APPLICATION
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92
		(updated 01.07.2003)
0-5	Petition	
	The undersigned requests that the	
	present international application be processed according to the Patent	
•	Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	020553 FE
. 1	Title of invention	DISPERSION, COATING SLIP AND ABSORPTIVE
•		MEDIUM
11	Applicant	
II-1	This person is:	annli canh anla
II-2	Applicant for	applicant only
11-4	Name	all designated States except US
II-5	Address:	DEGUSSA AG
	Address.	Bennigsenplatz 1
		D-40474 Düsseldorf
		Germany
II-6	State of nationality	DE
II-7	State of residence	DE
II-8	Telephone No.	0 61 81 / 59-22 27
11-9	Facsimile No.	0 61 81 / 59-43 04
111-1	Applicant and/or inventor	0 0 0 7 0 0 1 0 1
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	
III-1-4	Name (LAST, First)	US only
III-1-5	Address:	BATZ-SOHN, Christoph
	, , , , , , , , , , , , , , , , , , , ,	Riedstrasse 10a
		D-63454 Hanau
dn 4:e	Chata of a stand in	Germany
III-1-6	State of nationality	DE
III-1-7	State of residence	DE



020553 FE

III-2	Applicant and/or inventor	75.10.2003 U1.22.21 PW
III-2-1	This person is:	
111-2-2	Applicant for	applicant and inventor
111-2-4	Name (LAST, First)	US only
111-2-5	Address:	SCHARFE, Thomas
111-2-3	Address:	Wartbergstrasse 20/1
•		D-74076 Heilbronn
III-2-6	State of nationality	Germany
111-2-7	State of residence	DE
III-3		DE
-3 -3-1	Applicant and/or inventor	
	This person is:	applicant and inventor
III-3-2	Applicant for	US only
111-3-4	Name (LAST, First)	LORTZ, Wolfgang
III-3-5	Address:	Feldstrasse 9
		D-63607 Wächtersbach
		Germany
111-3-6	State of nationality	DE
III-3-7	State of residence	DE
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	common representative
IV-1-1	Name	DEGUSSA AG
IV-1-2	Address:	Intellectual Property Management
		PATENTE und MARKEN
	- 10	Standort Hanau
		Postfach 13 45
		D-63403 Hanau
IV-1-3	Talanta N	Germany
	Telephone No.	0 61 81 / 59-22 27
IV-1-4 V	Facsimile No.	0 61 81 / 59-43 04
•	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT
V-2	National Patent	AE AG AL AM AT AU AZ BA BB BG BR BY BZ
	(other kinds of protection or treatment, if any, are specified between	CA CHELI CN CO CR CU CZ DE DK DM DZ EC
	parentheses after the designation(s)	THE TO BE BY OR OR OR OR OR OR
	concerned)	IN IS JP KE KG KP KR KZ LC LK LR LS LT
		LU LV MA MD MG MK MN MW MX MZ NI NO NZ
·	}	OM PG PH PL PT RO RU SC SD SE SG SK SL
ļ		SY TJ TM TN TR TT TZ UA UG US UZ VC VN
		YU ZA ZM ZW

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V-5	Precautionary Designation Statement	
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be	
	permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant	
. :	declares that those additional designations are subject to confirmation and that any designation which is not	
	confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant	
V-6	at the expiration of that time limit. Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	03 December 2002 (03.12.2002)
VI-1-2	Number	102 56 267.9
VI-1-3	Country	DE
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	_
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of	

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VIII-2-1	and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under	in relation to this international application
	Rule 4.17(iv) is not appropriate: Name:	DEGUSSA AG
VIII-2-1		is entitled to apply for and be granted a patent by virtue of the following:
(ii)		DEGUSSA AG is entitled as employer of the inventor, BATZ-SOHN, Christoph
VIII-2-1 (ii)		DEGUSSA AG was entitled as employer of the inventor, SCHARFE, Thomas
VIII-2-1 (ii)		DEGUSSA AG is entitled as employer of the inventor, LORTZ, Wolfgang
VIII-2-1 (ix)	This declaration is made for the purposes of:	all designations except the designation of the United States of America

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	20	
X-3	Claims	3	
X-4	Abstract	1	EZABSTOO.TXT
X-5	Drawings	2	-
X-7	TOTAL	31	
	Accompanying items	paper document(s) attached	electronic file(s) attached
K-8	Fee calculation sheet	_	-
K-9	Original separate power of attorney	/	
(-11	Copy of general power of attorney	reference no. AV 45711	-
(-13	Priority document(s)	Item(s) VI-1	
(-17	PCT-EASY diskette	_	Diskette
K-19	Figure of the drawings which should accompany the abstract	-	DIDRECCE
(-20	Language of filing of the international application	English	
-1	Signature of applicant, agent or common representative	1	1
-1-1	Name	DEGUSSA AG WWW II. V. Dr. Eugen Sta	all
1-2	Name of signatory	i. V. Dr. Eugen Sta	ah
-1-3	Capacity	AV 45711	

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10-1	Date of actual receipt of the purported International application		1,8,	. 11.	03/	 	18	NOV	2003	} .		
10-2	Drawings:			-	-/	 						
10-2-1	Received	AN		•						٠.		
10-2-2	Not received				٠, ٠				•	*	- 00	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application		•	:	•	· .			• .	<u> </u>		
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		•			· ·						
10-5	International Searching Authority	ISA/I	EP			 						- -
10-6	Transmittal of search copy delayed until search fee is paid				٠.							

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by		
	the International Bureau	<u> </u>	•

1/111 0 4	Ta	
VIII-2-1	Declaration: Entitlement to apply for	
	and be granted a patent	
	Declaration as to the applicant's	in relation to the international
	entitlement, as at the international filing	· · · · · · · · · · · · · · · · · · ·
	date, to apply for and be granted a	application No. PCT/EP03/12877
	patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under	
	Rule 4.17(iv) is not appropriate:	la contraction of the contractio
	Name:	DT011003 30
		DEGUSSA AG
	ä	is entitled to apply for and be granted
1		a patent by virtue of the following:
VIII-2-1		DEGUSSA AG is entitled as employer of
(ii)		the inventor, BATZ-SOHN, Christoph
VIII-2-1		DEGUSSA AG was entitled as employer of
(ii)	· ·	the inventor, SCHARFE, Thomas
VIII-2-1		DEGUSSA AG is entitled as employer of
(ii)		the inventor, LORTZ, Wolfgang
VIII-2-1	This declaration is made for the purposes of:	all designations except the designation
(ix)	purposes or.	of the United States of America
		1

VIII 4 4	I Daniel de la constant de la consta	
A 111-4-1	Declaration: Inventorship (only for the purposes of the designation of	
	the United States of America)	
	Declaration of inventorship (Rules	I hereby declare that I believe I am the
	4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the	original, first and sole (if only one
	United States of America:	inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
	,	sought.
		This declaration is directed to
		•
		international application No.
•		PCT/EP03/12877(if furnishing declaration
		pursuant to Rule 26ter)
•		I hereby declare that my residence,
•		mailing address, and citizenship are as
	·	stated next to my name.
		I hereby state that I have reviewed and
		understand the contents of the
		above-identified international
		application, including the claims of
	*	said application. I have identified in
		the request of said application, in
		compliance with PCT Rule 4.10, any claim
		to foreign priority, and I have
		identified below, under the heading
•		"Prior Applications," by application
		number, country or Member of the World
		Trade Organization, day, month and year
		of filing, any application for a patent
		or inventor's certificate filed in a
		country other than the United States of
		America, including any PCT international
	(7)	application designating at least one
•	·	country other than the United States of
	·	America, having a filing date before
•	·	that of the application on which foreign
		priority is claimed.
1/118 4 4	I D :	

VIII-4-1 Prior applications:

VIII-4-1 -1-1	Name:
VIII-4-1	Residence:
-1-2	(city and either US State, if applicable, or country)
VIII-4-1 -1-3	Mailing address:
VIII-4-1 -1-4	Citizenship:
VIII-4-1	Inventor's Signature:
-1-5	(if not contained in the request, or if
	declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)
VIII-4-1	Date:
-1-6	(of signature which is not contained in
	the request, or of the declaration that is
	corrected or added under Rule 26ter
	after the filing of the international
	application)

Hanau, Germany

Riedstrasse 10a

DE

Airy & Bak-bl

VIII-4-1 -2-1	Name:	SCHARFE, Thomas
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	Heilbronn, Germany
VIII-4-1 -2-3	Mailing address:	Wartbergstrasse 20/1
VIII-4-1 -2-4	Citizenship:	DE .
VIII-4-1 -2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1 -2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1 -3-1	Name:	LORTZ, Wolfgang
VIII-4-1 -3-2	Residence: (city and either US State, if applicable, or country)	Wächtersbach, Germany
VIII-4-1 -3-3	Mailing address:	Feldstrasse 9
VIII-4-1 -3-4	Citizenship:	DE
VIII-4-1 -3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Cohy Lo
VIII-4-1 -3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	01/03/2004

VIII-2-1	Declaration: Entitlement to apply for and be granted a patent	
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:	in relation to the international application No. PCT/EP03/12877
	Name:	DEGUSSA AG
	·	is entitled to apply for and be granted
		a patent by virtue of the following:
VIII-2-1		DEGUSSA AG is entitled as employer of
(ii)		the inventor, BATZ-SOHN, Christoph
VIII-2-1		DEGUSSA AG was entitled as employer of
(ii)		the inventor, SCHARFE, Thomas
VIII-2-1		DEGUSSA AG is entitled as employer of
(ii) .		the inventor, LORTZ, Wolfgang
VIII-2-1	This declaration is made for the purposes of:	all designations except the designation
_(ix)	Parposes of.	of the United States of America



		· · · · · · · · · · · · · · · · · · ·
VIII-4-1	Declaration: Inventorship (only for	
	the purposes of the designation of	
	the United States of America) Declaration of inventorship (Rules	
	4.17(iv) and 51bis.1(a)(iv)) for the	I hereby declare that I believe I am the
	purposes of the designation of the	original, first and sole (if only one
	United States of America:	inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
		sought.
		This declaration is directed to
		international application No.
		PCT/EP03/12877 (if furnishing declaration
		pursuant to Rule 26ter)
	·	I hereby declare that my residence,
		mailing address, and citizenship are as
		stated next to my name.
		I hereby state that I have reviewed and
	·	understand the contents of the
		above-identified international
	*	application, including the claims of
	·	said application. I have identified in
		the request of said application, in
	·	compliance with PCT Rule 4.10, any claim
		to foreign priority, and I have
		identified below, under the heading
		"Prior Applications," by application
		number, country or Member of the World
		Trade Organization, day, month and year
		of filing, any application for a patent
		or inventor's certificate filed in a
	*	country other than the United States of
		America, including any PCT international
		application designating at least one
		country other than the United States of
		Amorian having a Siling data to S

America, having a filing date before

priority is claimed.

that of the application on which foreign

VIII-4-1 Prior applications:

_	
	I hereby acknowledge the duty to
	disclose information that is known by me
	to be material to patentability as
	defined by 37 C.F.R. § 1.56, including
	for continuation-in-part applications,
	material information which became
	available between the filing date of the
	prior application and the PCT
	international filing date of the
	continuation-in-part application.
	I hereby declare that all statements
	made herein of my own knowledge are true
	and that all statements made on
	information and belief are believed to
	be true; and further that these
	statements were made with the knowledge
	that willful false statements and the
	like so made are punishable by fine or
	imprisonment, or both, under Section
	1001 of Title 18 of the United States
	Code and that such willful false
	statements may jeopardize the validity
	of the application or any patent issued
	thereon.
i	BATZ-SOHN, Christoph
	Hanau, Germany
	Riedstrasse 10a
	DE
r	
•	
	. '

VIII-4-1 Name: -1-1 VIII-4-1 Residence: -1-2 (city and either US State, if applicable, or country) VIII-4-1 Mailing address: -1-3 VIII-4-1 Citizenship: -1-4 VIII-4-1 Inventor's Signature: -1-5 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) VIII-4-1 Date: (of signature which is not contained in the request, or of the declaration that is -1-6 corrected or added under Rule 26ter after the filing of the international application)



VIII-4-1 -2-1	Name:	SCHARFE, Thomas
VIII-4-1 -2-2	Residence: (city and either US State, if applicable, or country)	Heilbronn, Germany
VIII-4-1 -2-3	Mailing address:	Wartbergstrasse 20/1
VIII-4-1 -2-4	Citizenship:	DE
VIII-4-1 -2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Thomas Schafe
VIII-4-1 -2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	12/21/03
VIII-4-1 -3-1	Name:	LORTZ, Wolfgang
VIII-4-1 -3-2	Residence: (city and either US State, if applicable, or country)	Wächtersbach, Germany
VIII-4-1 -3-3	Mailing address:	Feldstrasse 9
VIII-4-1 -3-4	Citizenship:	DE
VIII-4-1 -3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of	
VIII-4-1 -3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	